| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|--|---|---------------------|---------|------------------|
| L1 | 728 | (hcv OR hcv-1a) AND helicase AND (crystal OR crystal\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/23 09:03 |
| L2 | 58 | I1 and ("space group" OR "unit cell") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/23 09:04 |
| L3 | 6 | I2 AND ("34.8" OR "67.1" OR "58.4") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/23 09:04 |
| S1 | 45 | (hcv adj ns3 adj helicase) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/09/26 15:07 |
| S2 | 9 | S1 and "324" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 10:21 |
| S3 | 232 | helicase same atpase same domain | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 10:24 |
| S4 | 134 | S3 and minimal | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 10:24 |
| S5 | 124 | S4 and (inhibitor OR inhibition) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 10:24 |
| S6 | 17 | S5 and ns3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 10:30 |
| S7 | 146 | "non-structural protein 3" OR "nonstructural protein 3" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 10:31 |
| S8 | 144 | S7 and (hcv or "hepatitis c virus") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 10:31 |
| S9 | 42 | S8 and "324" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/03 10:31 |
| S10 | 2 | "6183121".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/05 10:45 |

| S11 | 2 | "6930095".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/09/26 15:18 |
|-----|--------|--|---|----|-----|------------------|
| S12 | 2 | "7094411".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/09/26 15:20 |
| S13 | 2 | "7084266".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/09/26 15:20 |
| S14 | 145585 | weber.in. OR reichert.in. OR madison.in. OR wyss.in. OR yao.in. OR liu.in. OR gesell.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/01/31 06:50 |
| S15 | 485 | S14 and (hcv or "hepatitis c virus") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/01/31 06:51 |
| S16 | 38 | S15 and helicase | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/01/31 06:51 |
| S17 | 34 | S16 and (crystal\$ OR "nuclear magnetic resonance" OR NMR) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/01/31 06:51 |
| S18 | 249 | ("hcv ns3" OR "HCV-1a N S3") same helicase | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/22 15:35 |
| S19 | 785 | (hcv or HCV-1a) and (NS3 same helicase) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/22 15:36 |
| S20 | 785 | S18 or S19 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/22 15:44 |
| S21 | 428 | S20 and ("249" OR "257" OR "431" OR "451" OR "328" OR "482") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/22 15:45 |
| S22 | 108 | NS3 same helicase same (fragment OR fragments) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/22 15:46 |
| S23 | 102 | S22 AND (S18 or S19) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/22 15:47 |

| S24 | 174439 | weber.in. OR reichert.in. OR madison.in. OR wyss.in. OR yao.in. OR liu.in. OR gesell.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/22 16:19 |
|-----|--------|---|---|----|-----|------------------|
| S25 | 14897 | schering.as. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/22 16:19 |
| S26 | 188896 | S24 or S25 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/22 16:19 |
| S27 | 44 | S26 AND (ns3 same helicase) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/22 16:19 |
| S28 | 20 | S27 AND (fragment OR fragments) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/22 16:20 |
| S29 | 785 | (hcv or HCV-1a) and (NS3 same helicase) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/23 06:13 |
| S30 | 785 | S29 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/23 06:13 |
| S31 | 22 | S30 and ("domain i" OR "domain II" OR "domain III") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/23 06:14 |
| S32 | 40 | (hcv OR hcv-1a) AND helicase AND ("domain i" OR "domain ii" OR "domain III") AND ("181" OR "182" OR "327" OR "328" OR "482" OR "483" OR "572") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/23 06:31 |
| S33 | 33 | S32 AND (delete OR deletion OR deleted OR deleting OR delet\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/23 06:31 |
| S34 | 2 | (hcv OR hcv-1a) AND helicase AND domain AND ("182-327" OR "181-327" OR "483-572" OR "182 to 327" OR "181 to 327" OR "483 to 572") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/23 06:36 |
| S35 | 19 | S30 and ("domain 1" OR "domain 2" OR "domain 3") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/23 06:47 |
| S36 | 17 | S35 not S31 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/23 06:47 |

| S37 | 35 | (hcv OR hcv-1a) AND helicase AND ("domain 1" OR "domain 2" OR "domain 3") AND ("181" OR "182" OR "327" OR "328" OR "482" OR "483" OR "572") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/23 06:57 |
|-----|----|--|---|----|-----|------------------|
| S38 | 19 | S37 not (S35 OR S31 OR S32) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/23 06:57 |
| S39 | 19 | S38 AND (delete OR deletion OR deleted OR deleting OR delet\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/23 06:58 |